

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/576,101

DATE: 07/16/2001
TIME: 11:37:02

Input Set : A:\FBRC004USC1.APP
Output Set: N:\CRF3\07162001\I576101.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Suhrbier, Andreas
4 Thomson, Scott Anthony
5 Khanna, Rajiv
6 Burrows, Scott Renton
7 Coupar, Barbara Elizabeth Howieson
8 Moss, Denis James
10 <120> TITLE OF INVENTION: Polyepitope Vaccines
12 <130> FILE REFERENCE: FBRC:004USC1
14 <140> CURRENT APPLICATION NUMBER: 09/576,101
15 <141> CURRENT FILING DATE: 2000-05-22
17 <140> CURRENT APPLICATION NUMBER: 08/776,337
18 <141> CURRENT FILING DATE: 1997-01-27
20 <160> NUMBER OF SEQ ID NOS: 26
22 <170> SOFTWARE: PatentIn Ver. 2.1
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 9
26 <212> TYPE: PRT
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
31 Peptide
33 <400> SEQUENCE: 1
34 Ala Ser Asn Glu Asn Met Asp Ala Met
35 1 5
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 10
40 <212> TYPE: PRT
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
45 Peptide
47 <400> SEQUENCE: 2
48 Asp Thr Pro Leu Ile Pro Leu Thr Ile Phe
49 1 5 10
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 9
54 <212> TYPE: PRT
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
59 Peptide
61 <400> SEQUENCE: 3
62 Glu Glu Gly Ala Ile Val Gly Glu Ile
63 1 5
66 <210> SEQ ID NO: 4
67 <211> LENGTH: 10
68 <212> TYPE: PRT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/576,101

DATE: 07/16/2001

TIME: 11:37:02

Input Set : A:\FBRC004USC1.APP

Output Set: N:\CRF3\07162001\I576101.raw

```

69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
73     Peptide
75 <400> SEQUENCE: 4
76 Glu Glu Asn Leu Leu Asp Phe Val Arg Phe
77   1             5             10
80 <210> SEQ ID NO: 5
81 <211> LENGTH: 9
82 <212> TYPE: PRT
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
87     Peptide
89 <400> SEQUENCE: 5
90 Phe Ala Pro Gly Asn Tyr Pro Ala Leu
91   1             5
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 9
96 <212> TYPE: PRT
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
101     Peptide
103 <400> SEQUENCE: 6
104 Phe Leu Arg Gly Arg Ala Tyr Gly Leu
105   1             5
108 <210> SEQ ID NO: 7
109 <211> LENGTH: 9
110 <212> TYPE: PRT
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
115     Peptide
117 <400> SEQUENCE: 7
118 His Leu Ala Ala Gln Gly Met Ala Tyr
119   1             5
122 <210> SEQ ID NO: 8
123 <211> LENGTH: 9
124 <212> TYPE: PRT
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
129     Peptide
131 <400> SEQUENCE: 8
132 Ile Val Thr Asp Phe Ser Val Ile Lys
133   1             5
136 <210> SEQ ID NO: 9
137 <211> LENGTH: 9

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/576,101

DATE: 07/16/2001

TIME: 11:37:02

Input Set : A:\FBRC004USC1.APP

Output Set: N:\CRF3\07162001\I576101.raw

```

138 <212> TYPE: PRT
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
143     Peptide
145 <400> SEQUENCE: 9
146 Lys Glu His Val Ile Gln Asn Ala Phe
147   1           5
150 <210> SEQ ID NO: 10
151 <211> LENGTH: 97
152 <212> TYPE: PRT
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
157     Peptide
159 <400> SEQUENCE: 10
160 Met Ser Thr Asn Ser Phe Leu Arg Gly Arg Ala Tyr Gly Leu Gln Ala
161   1           5           10           15
163 Lys Trp Arg Leu Gln Thr Leu Glu Glu Asn Leu Leu Asp Phe Val Arg
164       20           25           30
166 Phe Ser Val Arg Asp Arg Leu Ala Arg Leu Lys Glu His Val Ile Gln
167       35           40           45
169 Asn Ala Phe Tyr Pro Leu His Glu Gln His Gly Met His Leu Ala Ala
170   50           55           60
172 Gln Gly Met Ala Tyr Asp Thr Pro Leu Ile Pro Leu Thr Ile Phe Ile
173   65           70           75           80
175 Val Thr Asp Phe Ser Val Ile Lys Asn Asn Leu Val Ser Gly Pro Glu
176       85           90           95
178 His
182 <210> SEQ ID NO: 11
183 <211> LENGTH: 9
184 <212> TYPE: PRT
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
189     Peptide
191 <400> SEQUENCE: 11
192 Gln Ala Lys Trp Arg Leu Gln Thr Leu
193   1           5
196 <210> SEQ ID NO: 12
197 <211> LENGTH: 9
198 <212> TYPE: PRT
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
203     Peptide
205 <400> SEQUENCE: 12
206 Arg Pro Gln Ala Ser Gly Val Tyr Met
207   1           5

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/576,101

DATE: 07/16/2001

TIME: 11:37:02

Input Set : A:\FBRC004USC1.APP

Output Set: N:\CRF3\07162001\I576101.raw

210 <210> SEQ ID NO: 13
211 <211> LENGTH: 8
212 <212> TYPE: PRT
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
217 Peptide
219 <400> SEQUENCE: 13
220 Ser Asp Tyr Glu Gly Arg Leu Ile
221 1 5
224 <210> SEQ ID NO: 14
225 <211> LENGTH: 10
226 <212> TYPE: PRT
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
231 Peptide
233 <400> SEQUENCE: 14
234 Ser Gly Pro Ser Asn Thr Pro Pro Glu Ile
235 1 5 10
238 <210> SEQ ID NO: 15
239 <211> LENGTH: 9
240 <212> TYPE: PRT
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
245 Peptide
247 <400> SEQUENCE: 15
248 Ser Ile Ile Asn Phe Glu Glu Lys Leu
249 1 5
252 <210> SEQ ID NO: 16
253 <211> LENGTH: 8
254 <212> TYPE: PRT
255 <213> ORGANISM: Artificial Sequence
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
259 Peptide
261 <400> SEQUENCE: 16
262 Ser Ile Ile Asn Phe Glu Lys Leu
263 1 5
266 <210> SEQ ID NO: 17
267 <211> LENGTH: 9
268 <212> TYPE: PRT
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
272 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
273 Peptide
275 <400> SEQUENCE: 17
276 Ser Val Arg Asp Arg Leu Ala Arg Leu

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/576,101

DATE: 07/16/2001

TIME: 11:37:02

Input Set : A:\FBRC004USC1.APP

Output Set: N:\CRF3\07162001\I576101.raw

277 1 5
280 <210> SEQ ID NO: 18
281 <211> LENGTH: 9
282 <212> TYPE: PRT
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
287 Peptide
289 <400> SEQUENCE: 18
290 Ser Tyr Ile Pro Ser Ala Glu Lys Ile
291 1 5
294 <210> SEQ ID NO: 19
295 <211> LENGTH: 8
296 <212> TYPE: PRT
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
301 Peptide
303 <400> SEQUENCE: 19
304 Thr Tyr Gln Arg Thr Arg Ala Leu
305 1 5
308 <210> SEQ ID NO: 20
309 <211> LENGTH: 9
310 <212> TYPE: PRT
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
314 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
315 Peptide
317 <400> SEQUENCE: 20
318 Thr Tyr Gln Arg Thr Arg Ala Leu Val
319 1 5
322 <210> SEQ ID NO: 21
323 <211> LENGTH: 9
324 <212> TYPE: PRT
325 <213> ORGANISM: Artificial Sequence
327 <220> FEATURE:
328 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
329 Peptide
331 <400> SEQUENCE: 21
332 Tyr Pro His Phe Met Pro Thr Asn Leu
333 1 5
336 <210> SEQ ID NO: 22
337 <211> LENGTH: 9
338 <212> TYPE: PRT
339 <213> ORGANISM: Artificial Sequence
341 <220> FEATURE:
342 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
343 Peptide
345 <400> SEQUENCE: 22

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/576,101

DATE: 07/16/2001

TIME: 11:37:03

Input Set : A:\FBRC004USC1.APP

Output Set: N:\CRF3\07162001\I576101.raw

L:17 M:280 W: Numeric Identifier already exists, <140> found multiple times
L:17 M:281 W: Numeric Fields not Ordered, <140> not ordered!.
L:17 M:270 C: Current Application Number differs, Replaced Current Application Number
L:18 M:280 W: Numeric Identifier already exists, <141> found multiple times
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date